



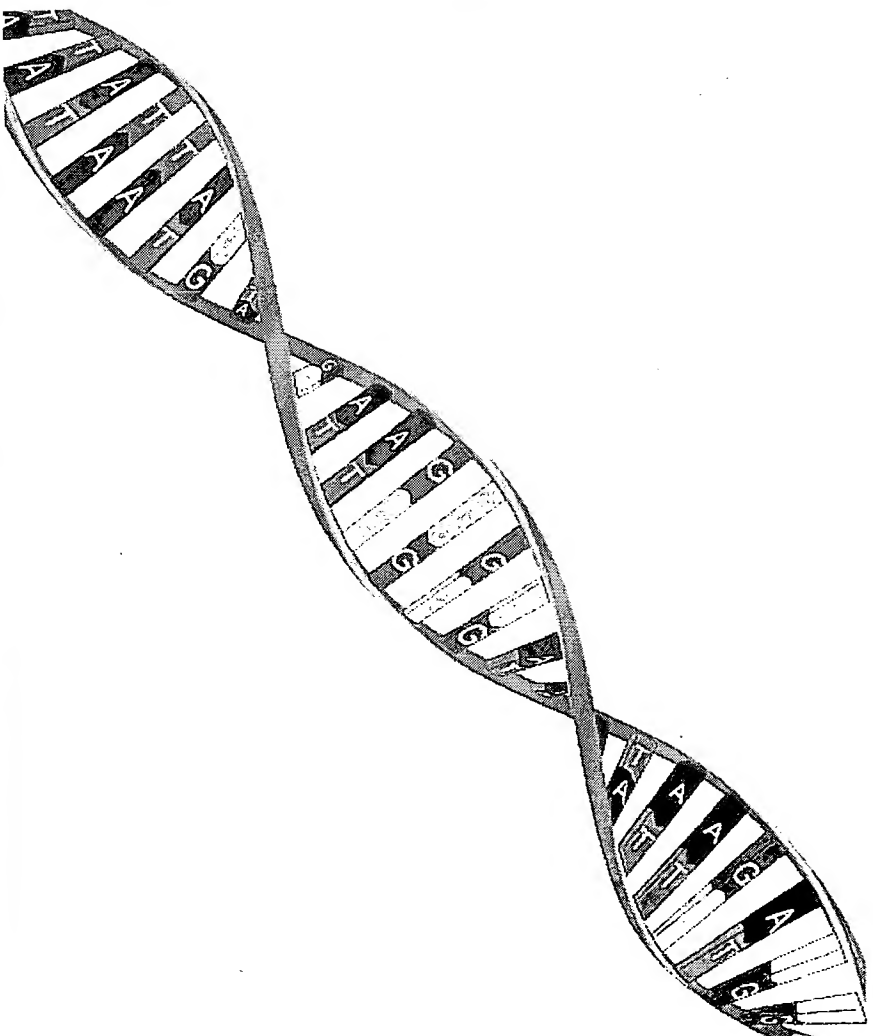
# DNA DOUBLE HELIX

The helix stabilizes the complementary DNA strands and helps to hold them together

The helix is most stable when the bases are properly paired

The two strands can be separated by heating the DNA

The Double Helix



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# DNA the molecule of life

Trillions of cells

Each cell:

46 human chromosomes

2 meters of DNA

3 billion DNA subunits (the bases: A, T, C, G)

Approximately 30,000 genes code for proteins that perform most life functions

